

ABSTRACT

The present invention provides BZPA products with improved flowability and two methods of producing such BZPA products. Both methods successfully produce BZPA products that are not prone to agglomerate upon storage, and thus the flowability of such BZPA products does not degrade over time. The first method includes mechanically forming the BZPA crystals into large compacted pellets or briquettes without the introduction of any additives or binders. The compacted pellets are large enough that the physical and chemical effects that occur on the surface of small crystal particles are eliminated or minimized, but small enough that the BZPA can be easily handled and used in commercial applications. The second method includes adding a substantially inert anti-caking agent to the BZPA crystals to minimize or retard their tendency to agglomerate. The preferred anti-caking agent is silicon dioxide (SiO_2), which is blended with the BZPA crystals in small amounts.